

**In the claims:**

The claims in the above-captioned application are as follows:

Claims 1-9 (Canceled).

10. (Original) A method of detecting cell agglutination, comprising providing a mixture comprising a population of cells and a population of bacteriophage expressing a first antibody on the surface of said bacteriophage, said first antibody being specific for an antigen expressed by at least a portion of the cells in said cell population, wherein said first antibody binds to said portion of said cells causing said bacteriophage to also bind to said portion of said cells, adding said mixture to a microtube containing inert particles and a second antibody specific for said bacteriophage, allowing said mixture to sediment under the force of gravity, and observing the location of said portion of said cells, wherein strong agglutination of said portion of said cells is indicated by the cells being located upon or within a top layer of said inert particles and weak agglutination of said cells is indicated by the cells being located within a lower layer of said inert particles and no agglutination is indicated by the cells being located at the bottom of said microtube.

11. (Previously Presented) A method of detecting cell agglutination, comprising providing a mixture comprising a population of cells and a population of bacteriophage expressing a first antibody on the surface of said bacteriophage, said first antibody being specific for an antigen expressed by at least a portion of the cells in said cell population, wherein said first antibody binds to said portion of said cells causing said bacteriophage to also bind to said portion of said cells, adding said mixture to a microtube containing inert particles and a second antibody specific for said bacteriophage, allowing said mixture to sediment, wherein the step of sedimentation is effected by centrifugation, and observing the location of said portion of said cells, wherein strong agglutination of said portion of said cells is indicated by the cells being located upon or within a top layer of said inert particles and weak agglutination of said cells is indicated by the cells being located within a lower layer of said inert particles and no

agglutination is indicated by the cells being located at the bottom of said microtube.

12. (Original) The method of claim 10, wherein said cells are selected from the group consisting of red blood cells and white blood cells.

13. (Original) The method of claim 12, wherein said cells are red blood cells.

14. (Original) The method of claim 10, wherein said bacteriophage is M13.

15. (Original) The method of claim 14, wherein said second antibody is anti-M13 antibody.

16. (Original) The method of claim 13, wherein said first antibody is an anti-red blood cell antibody.

17. (Original) The method of claim 16, wherein said first antibody is anti-Rh antibody.

18. (Previously Presented) The method of claim 10, wherein said antigen is a red blood cell antigen.

19. (Previously Presented) The method of claim 10, wherein said antigen is a HLA antigen.

20. (Withdrawn) A method of capturing cells comprising providing a mixture comprising a population of cells and a population of bacteriophage expressing a first antibody on the surface of said bacteriophage, said first antibody being specific for an antigen expressed by at least a portion of the cells in said cell population, wherein said first antibody binds to said portion of said cells causing said bacteriophage to also bind to said portion of said cells, adding said mixture to a microtube containing inert particles which have bound thereto a second

antibody specific for said bacteriophage, allowing said mixture to sediment under force of gravity, wherein captured cells are located upon or within a top layer of said inert particles.

21. (Withdrawn) The method of claim 20, wherein said sedimentation step is effected by centrifugation.

22. (Withdrawn) A method of detecting capturing of cells comprising providing a mixture comprising a population of cells and a population of bacteriophage expressing a first antibody on the surface of said bacteriophage, said first antibody being specific for an antigen expressed by at least a portion of the cells in said cell population, wherein said first antibody binds to said portion of said cells causing said bacteriophage to also bind to said portion of said cells, adding said mixture to a microtube containing inert particles which have bound thereto a second antibody specific for said bacteriophage, allowing said mixture to sediment under force of gravity, and observing the location of said portion of said cells, wherein capturing of said portion of said cells is indicated by the cells being located upon or within a top layer of said gel particles and the absence of capturing of said cells is indicated by the cells being located at the bottom of said microtube.

23. (Withdrawn) The method of claim 22, wherein said sedimentation step is effected by centrifugation.

Claims 24-29 (Canceled).